



State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination of Waters
Important to Anadromous Fish

Region: Southcentral

Anadromous Water Catalog Number of Waterway: 221-60-11370-12254-3258

Name of Waterway: Lowe River Tributary (Local Name)

USGS Quad: Valdez A-6

Status: Unknown

☐ USGS Name

☒ Local Name

☒ Addition

☐ Deletion

☐ Correction

☐ Backup Information

For Office Use

Nomination # <u>03 185</u>	Regional Supervisor <u>[Signature]</u>	Date <u>3/18/03</u>
Revision Year: <u>2003</u>	AWC Project Biologist <u>[Signature]</u>	Date <u>14 MAR 2003</u>
Revision to: Atlas <u>X</u> Catalog <u>X</u>		
Revision Code: <u>C-5/C-1</u>	Drafted <u>[Signature]</u>	Date <u> </u>

SITE INFORMATION Station: JPOS102A03 Visit: 3 Date Observed: 8/28/2002 Latitude: 61.05327 Longitude: -145.92172 NAD 83
Legal Description: 1/4 Section, T. ., R. .

STREAM PARAMETER Wetted OHW

Width (m) 1.6
Thalweg Depth (m) 0.08

Water Temp. (C): 7.5 Stream Stage: Medium
Dominant Substrate: Gravel

Station Comments: Outlet of culvert is still perched. Stream has same appearance as Visit 1. There are many deep and wide sections of this stream downstream of culvert.

SPECIES INFORMATION coho salmon	Life Stage: Juvenile	Count: 1	Life History: Anadromous
Sampling Method: Portable Electrofisher	Area (m2):	Effort (s): 433 Trap Time (h):	Trap in:
Fish passage barrier at site: Unknown			Trap out:
Species Comments: Coho caught 50 m downstream of culvert. Robust fish.			<u>1</u>
SPECIES INFORMATION Dolly Varden	Life Stage: Juvenile/Adult	Count: 9	Life History: Unknown
Sampling Method: Portable Electrofisher	Area (m2):	Effort (s): 433 Trap Time (h):	Trap in:
Fish passage barrier at site: Unknown			Trap out:
Species Comments: Fish were all caught downstream of culvert. Two of the largest were caught in pool directly below perched culvert.			<u>2</u>
SPECIES INFORMATION no fish collected or observed	Life Stage: Not Applicable	Count:	Life History:
Sampling Method: Minnow Trap, 1/4 in. Mesh	Area (m2):	Effort (s):	Trap Time (h): 1.00 Trap in: 8/28/2002 11:15:00 AM
Fish passage barrier at site: Not applicable			Trap out: 8/28/2002 12:15:00 PM
Species Comments: Traps were set downstream of culvert, water upstream not deep enough.			<u>3</u>

Additional Comments:

Channel location dynamic, subject to frequent lateral adjustment. Many fish were seen, yet eluded capture due to instream characteristics.

* Refer to inst page for map ref # now 03-194

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Name of Observer: Doug Lieb, Fisheries Biologist

Phone: (907)257-1307

Date Printed: 12/26/2002

Signature: Douglas W. Lieb

Address: Joint Pipeline Office, Alaska Department of Fish and Game
411 W. 4th Avenue
Anchorage, AK 99501 USA

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Appendix C1.-Page 26 of 674.

Station 02A03 Visit 3

Survey Date 8/28/2002



PIC60017.jpg



PIC60018.jpg



PIC60019.jpg



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Revision Year: _____	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	AWC Project Biologist	Date
Revision Code: _____	_____	_____
	Drafted	Date

SITE INFORMATION

Station: JPOS102A03 Visit: 1 Date Observed: 6/5/2002 Latitude: 61.05327 Longitude: -145.92172

Legal Description: 1/4 Section, T. ., R. .,

STREAM PARAMETER

Wetted OHW

Width (m) 2 3.5 Water Temp. (C): 4.6 Stream Stage: Low
Thalweg Depth (m) 0.2 0.5 Dominant Substrate: Gravel

Station Comments: Right bank is in floodplain of Lowe River. Stream follows southern edge floodplain and is tributary to the Lowe River.
Upstream of ROW stream has second station listed as 02A04.

SPECIES INFORMATION

Dolly Varden

Life Stage: Juvenile/Adult

Count: 6

Life History: Unknown

Sampling Method: Portable Electrofisher

Area (m2):

Effort (s): 136 Trap Time (h):

Trap in:

Fish passage barrier at site: Human, Culvert

Trap out:

Species Comments: Perched culvert creates migration barrier for Dolly Varden. Two culverts 92 feet long, 48 inch diameter.

1

Additional Comments:

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Both _____	AWC Project Biologist	Date
Revision Code: _____	_____	_____
	Drafted	Date

SITE INFORMATION

Station: JPOS102A03 Visit: 2 Date Observed: 7/5/2002 Latitude: 61.05327 Longitude: -145.92172

STREAM PARAMETER

Wetted OHW

Legal Description:

1/4 Section, T. ., R. .,

Width (m) 1.5

Water Temp. (C): 6.8

Stream Stage: Low

Thalweg Depth (m) 0.22

Dominant Substrate: Gravel

Station Comments: Downstream of Access Road the culvert outlet is perched. Gravel substrate in faster moving sections. Upstream of culvert stream has good fish rearing habitat with pools and vegetation overhanging the low banks.

SPECIES INFORMATION

Dolly Varden

Life Stage: Juvenile/Adult

Count: 10

Life History: Unknown

Sampling Method: Portable Electrofisher

Area (m2):

Effort (s): 388

Trap Time (h): 1.00

Trap in:

7/5/2002 10:25:00 AM

Fish passage barrier at site: Unknown

Trap out:

7/5/2002 11:25:00 AM

Species Comments: Small fish were in a pile of leaves on the bottom and when stunned would not float out of leaves. All fish were caught downstream of culvert.

1

Additional Comments:

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Both _____	AWC Project Biologist	Date
Revision Code: _____	_____	_____
	Drafted	Date

SITE INFORMATION

Station: JPOS102A04 Visit: 1 Date Observed: 6/5/2002 Latitude: 61.05339 Longitude: -145.92102

Legal Description: 1/4 Section, T. , R. ,

STREAM PARAMETER

Wetted OHW

Width (m) 1.5

Water Temp. (C): Stream Stage: Low

Thalweg Depth (m) 0.15

Dominant Substrate: Gravel

Station Comments:

SPECIES INFORMATION no fish collected or observed

Life Stage: Not Applicable

Count:

Life History:

Sampling Method: Portable Electrofisher

Area (m2): Effort (s): 87

Trap Time (h):

Trap in:

Fish passage barrier at site: Not applicable

Trap out:

Species Comments:

1

Additional Comments:

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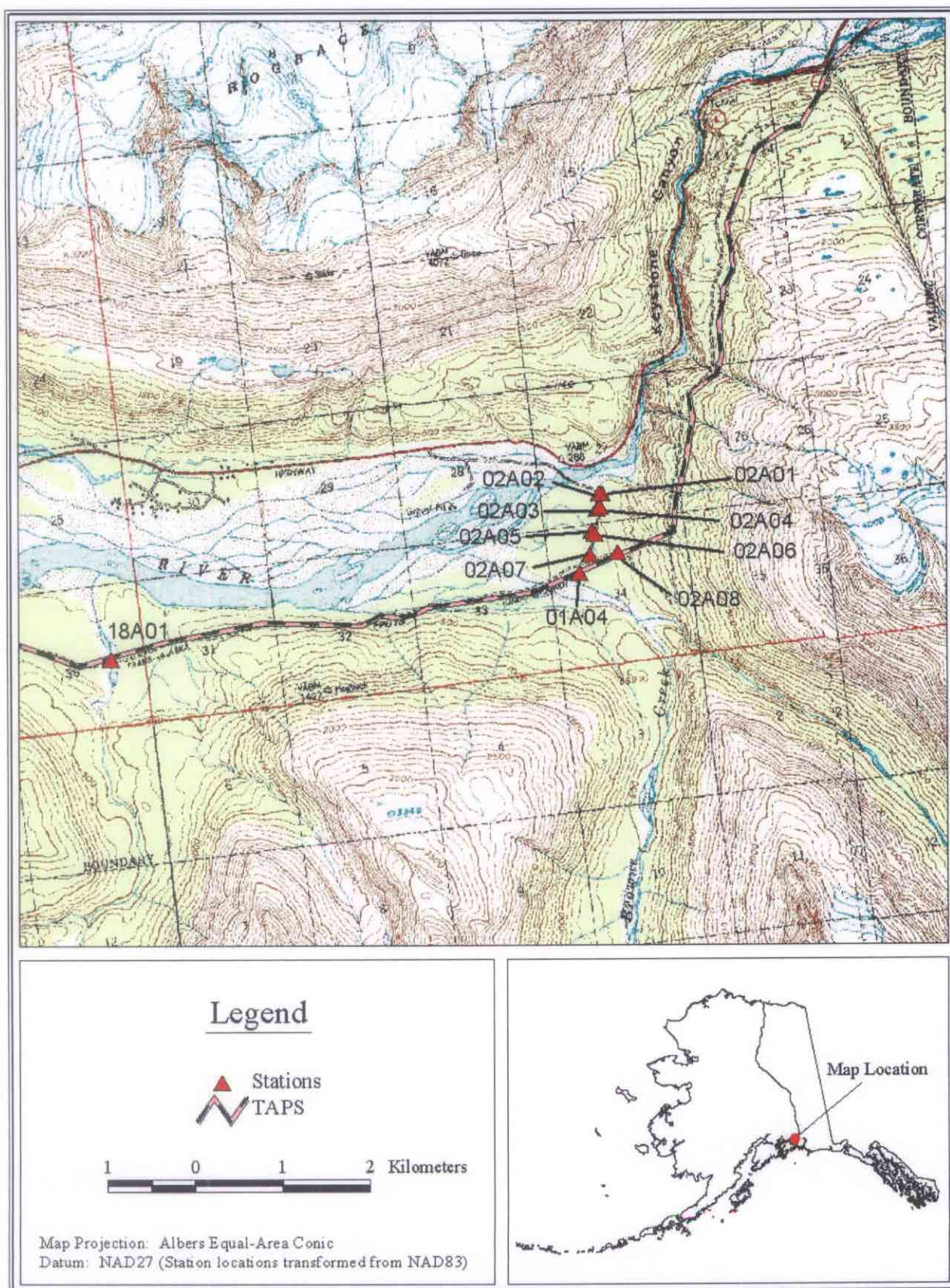
411 W. 4th Avenue

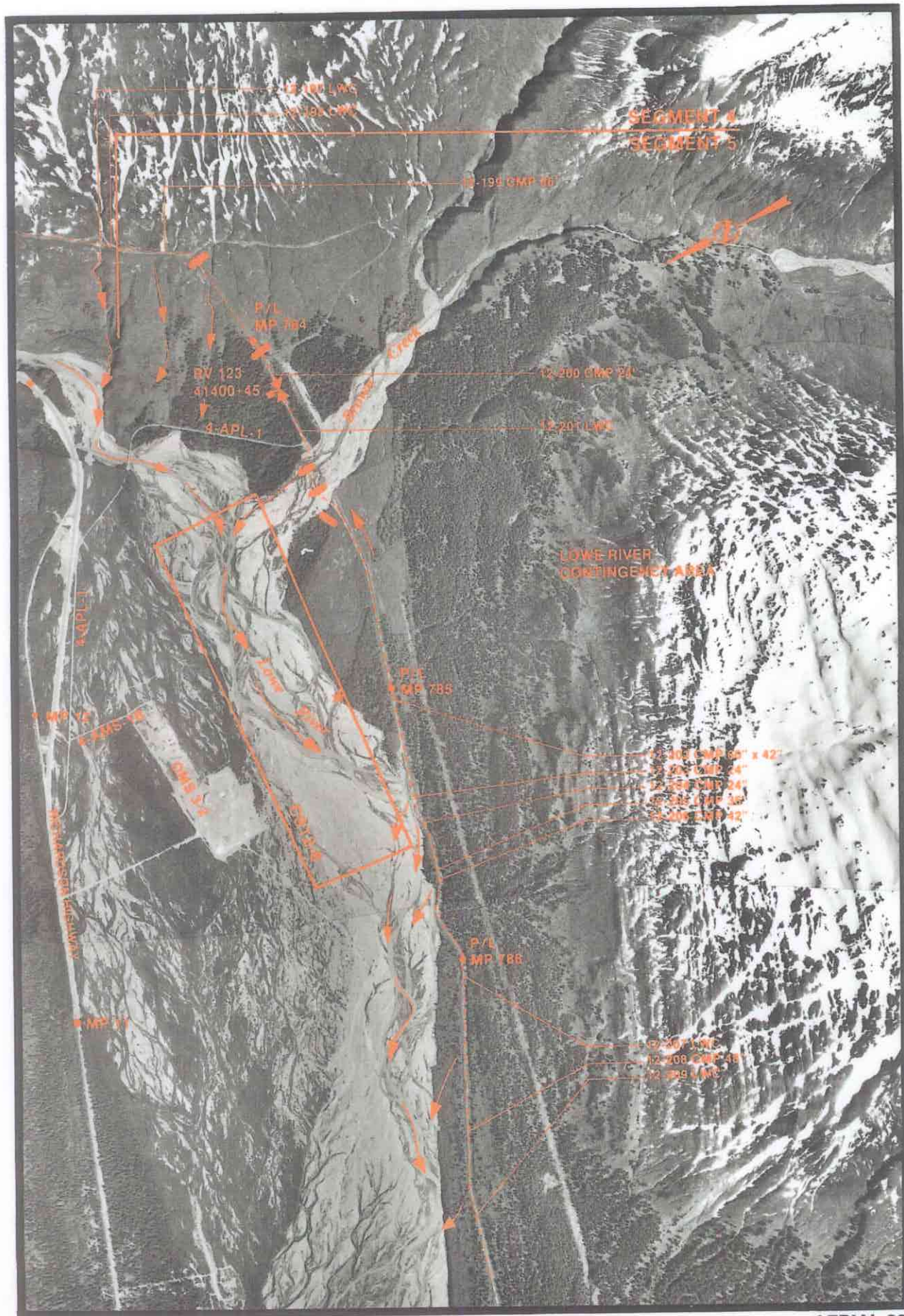
Anchorage, AK 99501 USA

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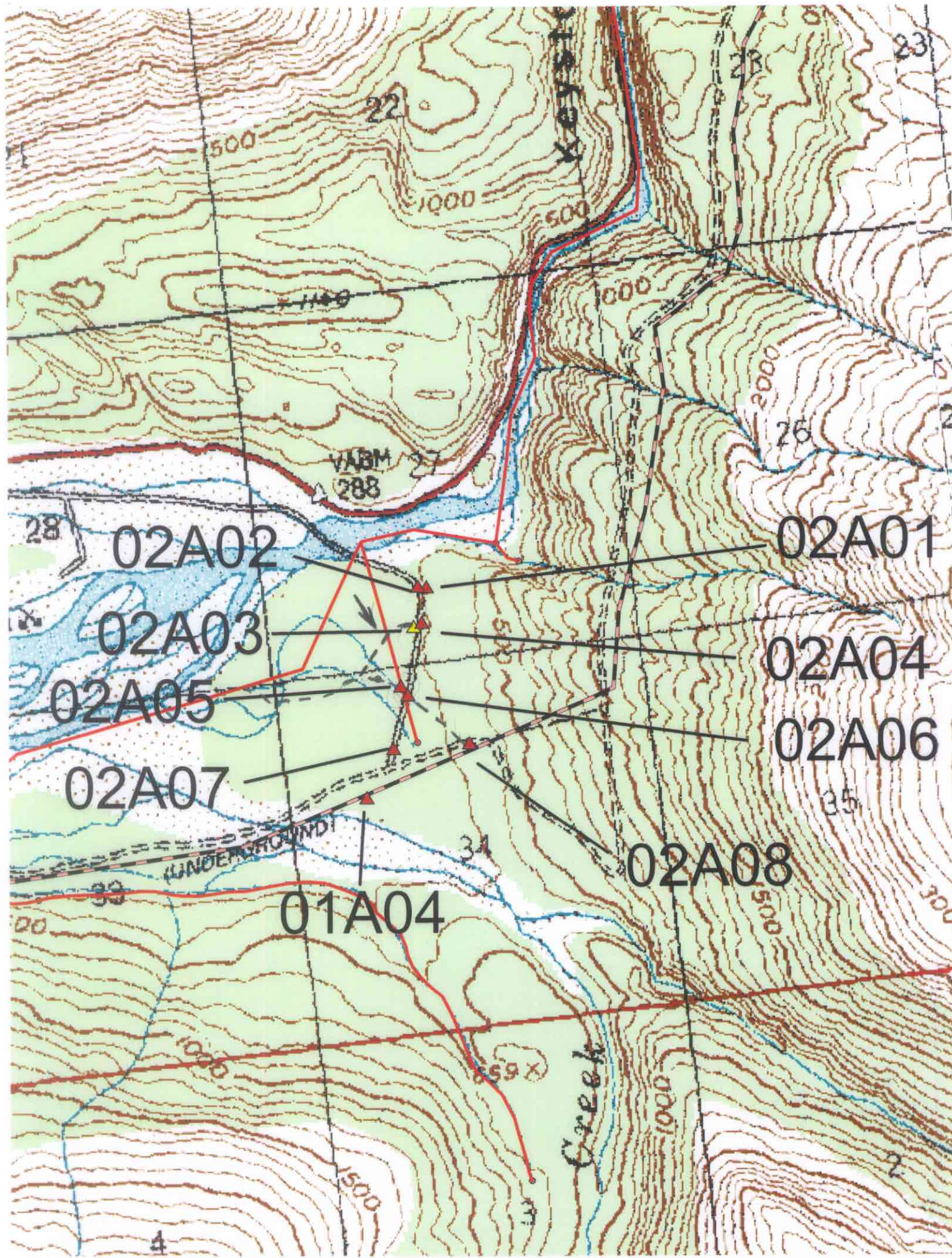
Appendix A2.-Stations 01A04, 02A01, 02A02, 02A03, 02A04, 02A05, 02A06, 02A07, 02A08, and 18A01.





USGS, VALDEZ A-6
1" = 2000'

AERIAL 222



02A02

02A03

02A05

02A07

01A04

02A01

02A04

02A06

02A08

UNDERGROUND

Creek

288

22

23

23

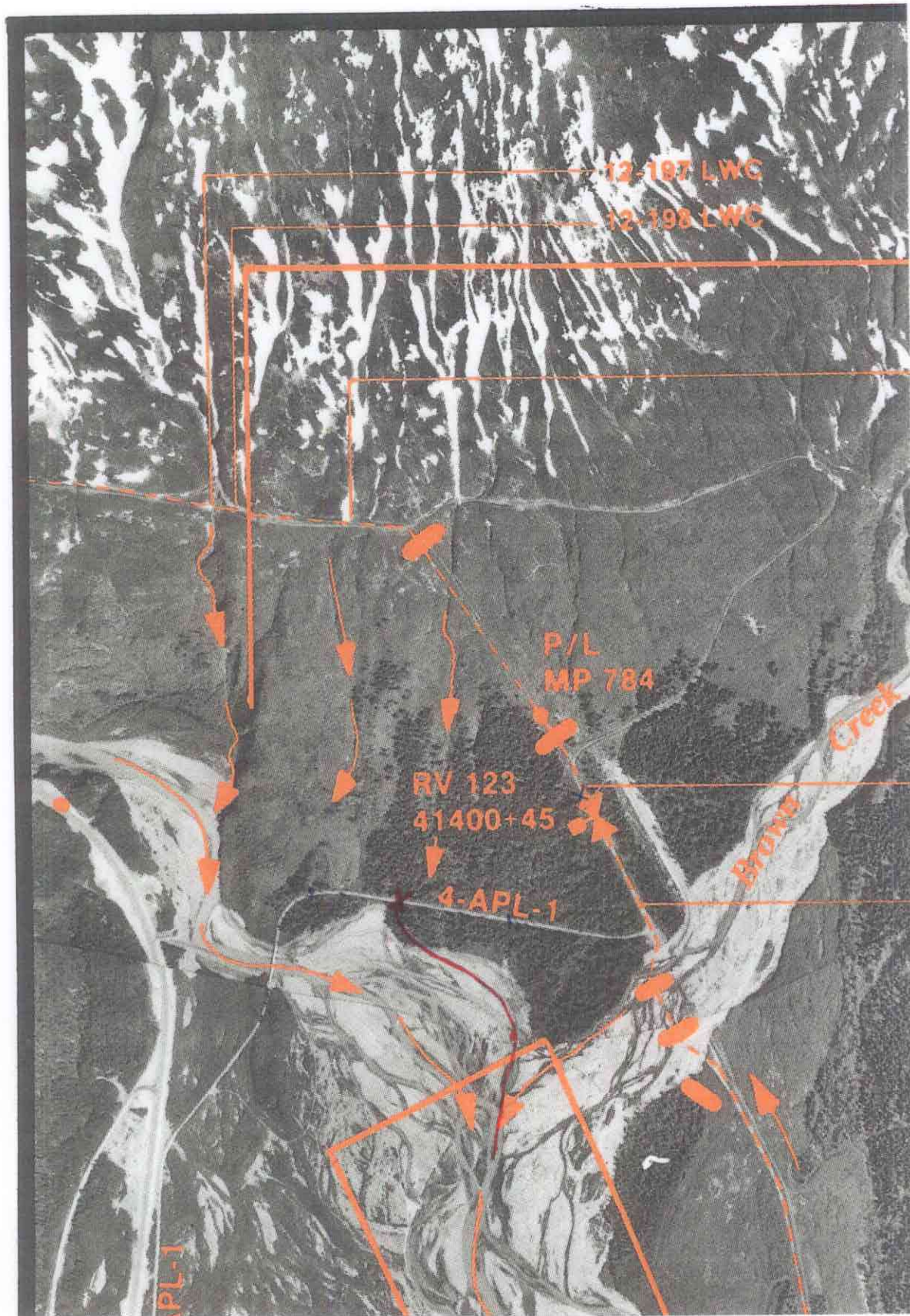
25

35

34

2

4



Station 02A01 Visit 1

Survey Date: 06/05/2002

Time: 9:56 AM

Waterbody Name: Lowe River Tributary (Local Name)

Pipeline Milepost: 784

Station Coordinates
(decimal degrees)Latitude
61.05473Longitude
-145.92029

Datum: NAD83

GPS Error (m): 11

Coordinate Determination Method: Non-Differential GPS Field Measurement

USGS Quadrangle: Valdez A-6

Elevation (m): 123

Anadromous Waters Catalog Number:

Geographic Comments: Stream crosses Access Road 4-APL-1. The station is on the upstream side of the access road. This stream has 2 stations on it, 02A01 and 02A02, they are up and downstream of the culvert underneath access road.

Station Characteristics

Temperature (C)	DO (ppm): 7.45	Turbidity (NTU) 1	Stream Gradient (%): 0
Air: 9 Water: 11.2	Qualitative Velocity: N/A	Water Color: Clear	
Stream Stage: Medium		48 hr. Precipitation/Runoff: Moderate	
Channel Dimensions (m):	OHW Wetted		<u>Substrate</u>
Width 32 32			Dominant: Organic
Thalweg Depth			Subdominant:
			Subdominant:

Survey Team: Doug Lieb, John Wells, Michael Wiedmer, Dennis Gnath

Visit Comments: Standing pond with no surface outlet. Downstream from road is discontinuous surface flow. Riprap blocks water flow from entering the culvert (which connects to station 02A02). Thalweg is too deep to measure with current means. Estimated at 2 meters deep.

Species: no fish collected or observed

Life Stage: Not Applicable

Life History: N/A

Count: Fork lengths (mm):

Gear: Minnow Trap, 1/4 in. Mesh

EF Time (s):

Traps: 4

Trap Duration (h): 6.3

Channel: Main Channel (>50% of water flow)

Fish Passage Barrier: Not applicable

Height (m):

Pool depth (m):

Comments: Multiple leaches caught in minnow traps.

Station 02A01 Visit 1

Survey Date 6/5/2002



PIC02001.jpg

Station 02A02 Visit 1**Survey Date:** 06/05/2002**Time:** 10:22 AM**Waterbody Name:** Lowe River Tributary (Local Name)**Pipeline Milepost:** 784**Station Coordinates** **Latitude** **Longitude**
(decimal degrees) 61.05479 -145.92097**Datum:** NAD83**GPS Error (m):** 7**Coordinate Determination Method:** Non-Differential GPS Field Measurement**USGS Quadrangle:** Valdez A-6**Elevation (m):** 113**Anadromous Waters Catalog Number:****Geographic Comments:** Downstream of Access Road 4-APL-1. This stream has two stations on it--02A01 and 02A02--that are up and downstream of the culvert underneath access road.**Station Characteristics**

Temperature (C)	DO (ppm):	Turbidity (NTU)	Stream Gradient (%):
Air:	Water:	Qualitative Velocity: N/A	Water Color:
Stream Stage: Dry, No defined Channel			48 hr. Precipitation/Runoff: Moderate
Channel Dimensions (m):	OHW	Wetted	Substrate
Width	Dominant:		
Thalweg Depth	Subdominant:		
			Subdominant:

Survey Team: Doug Lieb, John Wells, Dennis Gnath, Michael Wiedmer**Visit Comments:** No current surface flow or evidence of recent flow. Terrestrial vegetation across entire area immediately downstream from culvert outlet. Culvert length 18.3 m, width 0.76 m which connects to upstream station 02A01.**Species:** no collection effort**Life Stage:** Not Applicable**Life History:** N/A**Count:** **Fork lengths (mm):****Gear:** None**EF Time (s):****# Traps:****Trap Duration (h):****Channel:** Main Channel (>50% of water flow)**Fish Passage Barrier:** Not applicable**Height (m):****Pool depth (m):****Comments:**

Station 02A02 Visit 1

Survey Date 6/5/2002



PIC02002.jpg

ANADROMOUS WATERS CATALOG/ATLAS
CORRECTION FORM

JAN 07 1998

REGION II
HABITAT AND RESTORATION

CORRECTION TO: ATLAS X

CATALOG X

REGION: S.C.

MAP: VALDEZ A-6 & A-6 SE

WATERWAY NUMBER: 221-60-11370-2258

DESCRIBE CHANGE(S): MOVE STREAM LOCATION. AS

NOTED. STREAM ORIGINALLY DRAFTED IN

LOCATION NOT MATCHING ORIGINAL NOMINATION.

SEE ORIGINAL NOMINATION MAP SUBMITTAL

ATTACHED.

CHANGE REQUESTED BY : ED Wain

12/23/97

DATE

DRAFTED/DIGITIZED BY: Tina J. Hult

1/20/98

DATE

REVISION CODE: C-5

NOMINATION NUMBER: 98 251

Change to map + catalog
84-064

CORRECTION TO ANADROMOUS
FISH WATERS CATALOG MAP

REGION SL
MAP 57, A-6
WATERWAY NUMBER 221-60-11370-2250
CHANGED BY _____
DATE _____

DESCRIBE THE CHANGE(S): _____

streams NE of 2250 need labels
to be digitized
#'s 221-60-11370-2254 & 2258

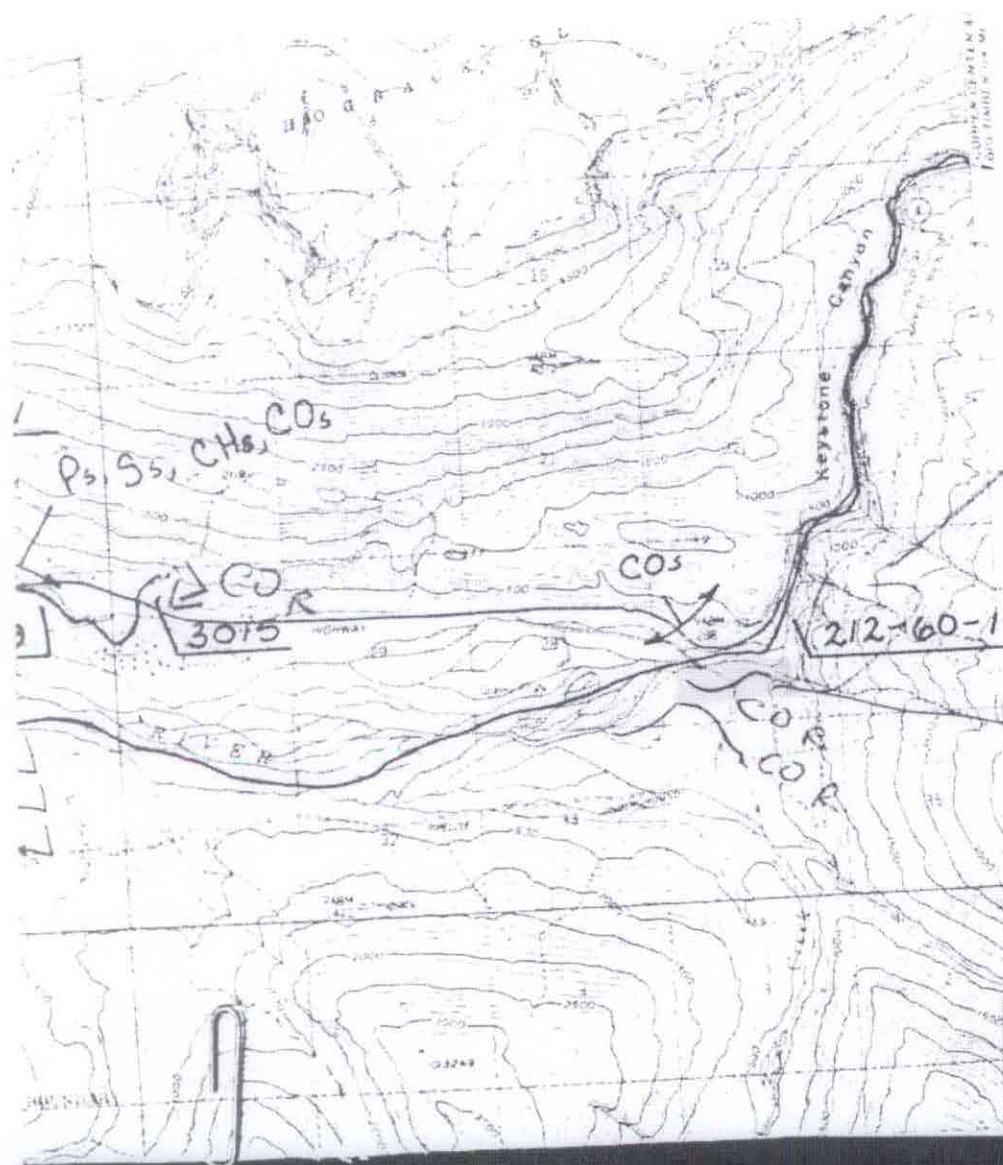
CHANGE CONFORMS WITH THE INFORMATION ON THE CURRENT NOMINATION FORM, IF ANY.

X YES
____ NO

IF NO, EXPLAIN: _____

Drafted
Jew 4/84

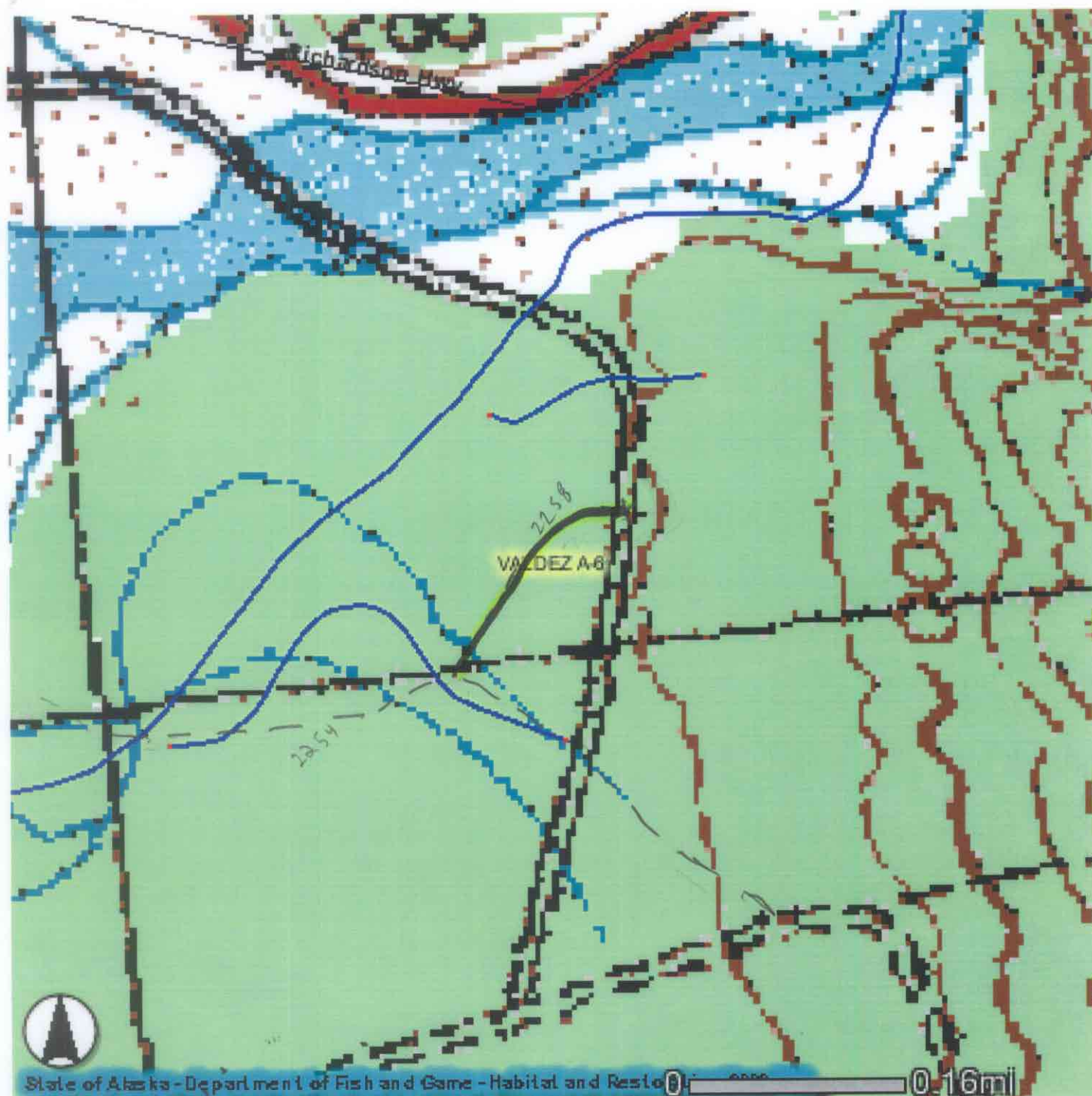
ACE 7739836



hwy to 221

212-60-11370

2258



Reposition Stream 221-60-~~2258~~ 11370-
2258

Renumber as trib to 221-60-11370-
2254

AS 221-60-11370-2254-~~3258~~
3258